



U.S. Department  
of Transportation  
**Federal Highway  
Administration**

**Idaho Division**

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August 5, 2009

Reply To : HAD-ID

Mr. Scott Stokes, Acting Director  
Idaho Transportation Department  
P.O. Box 7129  
Boise, ID 83707

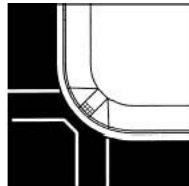
Attention: Jeff Miles

RE: Use of ADA Single Diagonal Curb Ramp

Dear Mr. Stokes:

While recently working with your staff, we recognized ITD is using the Single Diagonal Curb Ramp (Figure 1) as the predominant design on nearly all construction projects. Based on our discussions, we concluded that the Single Diagonal Curb Ramp should only be used as a last resort on projects. We determined the use of Single Diagonal Curb Ramp should be limited to sites where existing utilities or other conditions prevent the installation of two ramps or where adjacent obstacles limit the sight distance.

Figure 1: Single Diagonal Curb Ramp



Preferred to the Single Diagonal Curb Ramp are the Double Perpendicular Curb Ramps with flares and a level landing (Figure 2). For a corner with a wide turning radius, the use of the Double Perpendicular Curb Ramp design (perpendicular to the curbs on a corner) and the Inline With The Crosswalk design are also acceptable (Figures 3 and 4, respectively). However, we discourage the use of the design in Figure 4 because it is difficult to construct in the field and typically requires rework.

Figure 2: Double Perpendicular Curb Ramps: with flares and level landing on a small radius

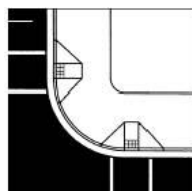


Figure 3: Double Perpendicular Curb Ramps on a corner with a level landing and a wide turning radius

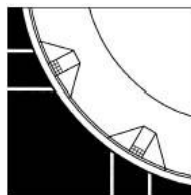
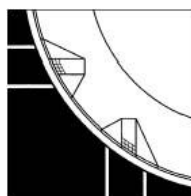


Figure 4: Inline With The Crosswalk Curb Ramps on a corner with level landing and a wide turning radius



As we have agreed with your staff, the designs in Figures 2 and 3 should be ITD's predominant design option; therefore, we recommend that modifications be made to your guidance and manuals to reflect their use as the prevailing design.

If you would like to discuss this further, you may contact Jason Giard or Michael Caliendo at (208) 334-9180.

Sincerely,

(original signed by)

Peter J. Hartman  
Division Administrator

E-Mail cc: Loren Thomas, Nestor Fernandez, Karen Sparkman, Karl Vogt, Ted Mason